



Maritime Security



**Dr. Frank Shoup
Naval Postgraduate School
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Maritime Security

“As we concluded at a previous Pacific Command Chiefs of Defense Conference ... **No nation is so big as to be able to go it alone, and no nation is too small to contribute.**”

**ADM Thomas Fargo
USN (Ret.)
Former Commander
USPACOM**



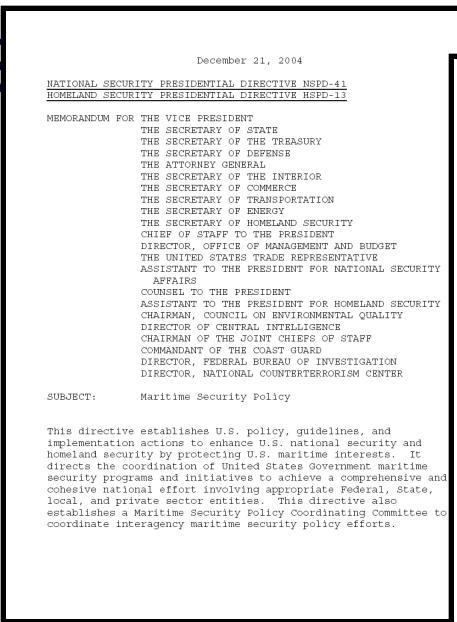


Maritime Security

A Global Problem

A Coalition Problem

Maritime Security - National Objectives



The National Strategy for Maritime Security

September 2005



NATIONAL PLAN TO ACHIEVE
MARITIME DOMAIN AWARENESS
FOR
THE NATIONAL STRATEGY FOR MARITIME
SECURITY
OCTOBER 2005

NATIONAL STRATEGY FOR
H O M E L A N D
S E C U R I T Y



OFFICE OF HOMELAND SECURITY
JULY 2002

Joint Publication 3-26



Homeland Security



2 August 2005

Department of
Defense
Homeland Security
Joint Operating
Concept



February 2004

Strategy for
Homeland Defense
and Civil Support



Department of Defense
Washington, D.C.
June 2005

The U.S. Coast Guard

Maritime Strategy for
Homeland Security



U.S. Coast Guard Headquarters
Washington, D.C.
December 2002



National Security Presidential Directive...

“Coordination of International Efforts and International Outreach.” Ensuring the security of the Maritime domain must be a global effort, in which the United States Government efforts are developed and furthered with the support of other governments and international organizations resulting in lasting international cooperation.”



National Strategy for Maritime Security

“As the world's individual national economies become ever more closely integrated, it is critical that nations coordinate and, where appropriate, collectively integrate their security activities to secure the maritime domain.”



National Strategy for Homeland Security

“In a world where the terrorist pays no respect to traditional boundaries, a successful strategy for homeland security requires international cooperation. America must pursue a sustained, steadfast, and systematic international agenda to counter the global terrorist threat and improve our homeland security.”



Implementing the

Strat

Collaboration is essential to success

Collaboration Partners Here Today

**Temasek Defense
Systems Institute**

**Lawrence Livermore
National Laboratory**

**University of
California,
Santa Barbara**

**SPAWAR Systems
Center San Diego**

Collaboration Tools

Joint studies

Testbed operations

Wargaming



Implementing the Strategy

Networks, communications, and sensor technologies

- experimentation and testing

Developing and testing systems concepts for emerging technologies

- West Coast Testbed

Developing concepts of operations for new systems

- a major focus of NPS efforts

Relating CONOPS to strategies



Implementing the Strategy

❖ NPS is serving as a member of the Maritime Domain Awareness Implementation Team formed by the National Plan for MDA.

- ❖ We are conducting both student and faculty research on Maritime Security problems.
 - joint student project on Maritime Security, with NPS, TDSI, and LLNL
 - joint research projects to be reviewed during the rest of this symposium



NPS/TDSI/LLNL Joint

Studies

◆ Maritime Security needs

- port security
- threat response
- command and control
- technologies

◆ Ballistic Missile Defense

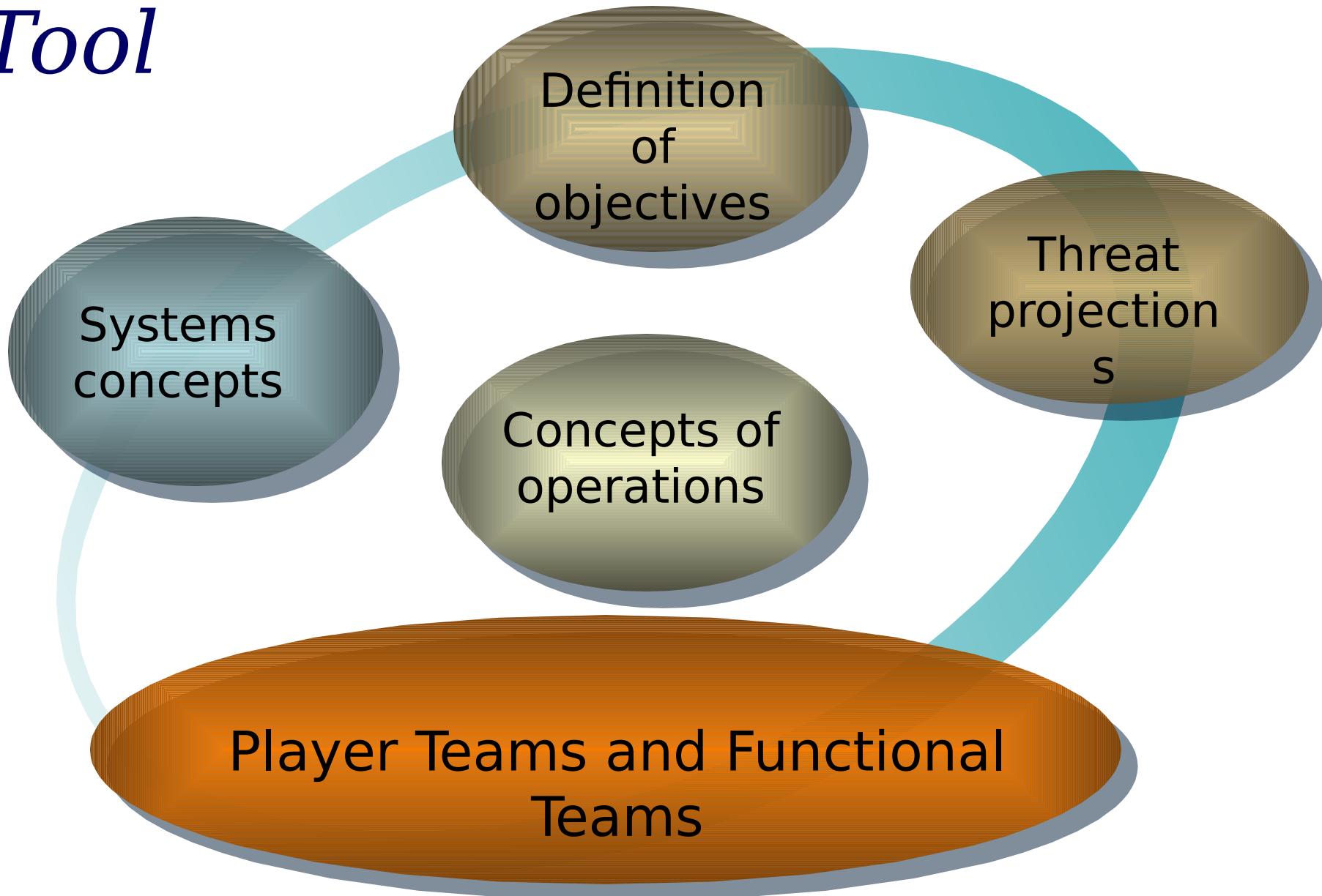
- options for the defense of joint forces
- enabling technologies for seabased systems

Maritime Domain Awareness

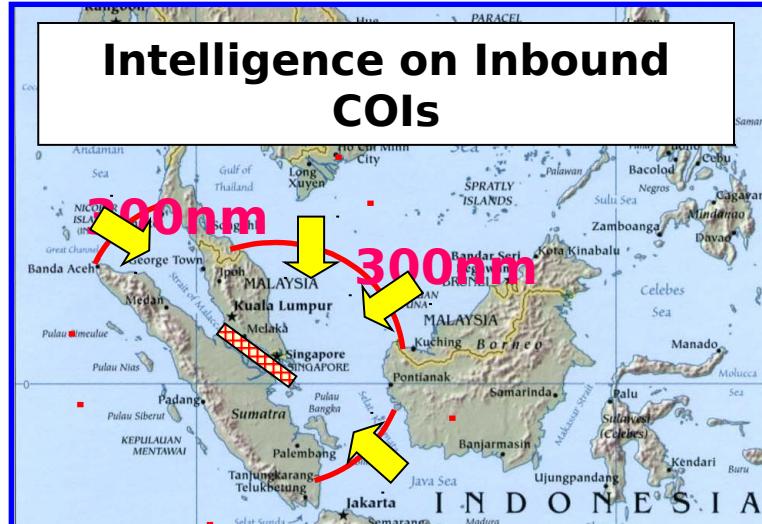
Test Bed



Wargaming as a Collaboration Tool



Wargaming, CONOPS, Strateav



Wargaming, CONOPS, Strategy

Layered Maritime Security Operations For Defense in Depth – II

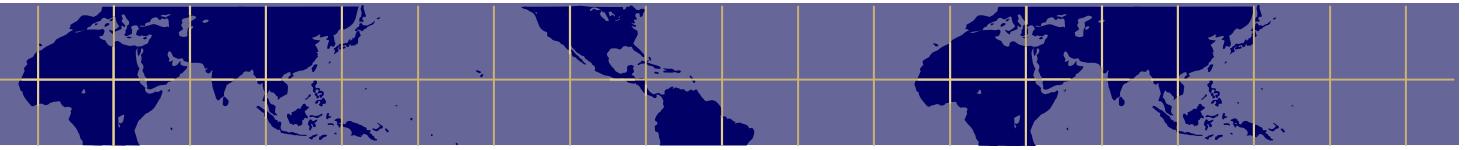


① U.S. Maritime Approaches

UAV and MPA conduct wide-area coastal surveillance and reconnaissance tasks – surveys, detects, classifies, identifies

④A

These forces maintain security zones around key infrastructure—airports.



Maritime Security

- ➊ Maritime Security **Summary** is a strategic need for the U.S.
- ➋ It requires international collaboration.
- ➌ NPS is teaming with TDSI and others on a variety of student projects and research efforts on Maritime Security.



Questions?

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